

PROCEEDINGS OF THE
ROYAL ENTOMOLOGICAL SOCIETY
OF LONDON

SERIES C. JOURNAL OF MEETINGS

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JOINT MEETING

at the invitation of

THE ASSOCIATION FOR THE STUDY OF ANIMAL BEHAVIOUR

to be held on

Monday, 4th September, 1950, at 5 p.m.

in the rooms of the

Royal Society of Tropical Medicine,

Manson House, 26, Portland Place, London, W.1.

(In the place of the Ordinary Meeting arranged for 6th September.)

AGENDA

1. Confirmation of the Proceedings of the Ordinary Meeting held on 5th July, 1950.
2. Recommendations of candidates for Fellowship.
3. Announcement of election of new Fellows.
4. Additions to the Library.

Presented.

International Technical Conference on the Protection of Nature.
22-29.viii.49. *Proceedings and Papers*, 8vo. Paris and Bruxelles.
1950. [U.N.E.S.C.O.]
Chopard, L. *Le Mimétisme*. 8 vo. Paris, 1949. [The Publishers.]

Purchased.

- Catala, René. *Contribution a l'étude des effets optiques sur les ailes des papillons*. [Encyclopédie entomologique (A) XXV.] 8vo. Paris. 1949.
- Hennig, Willi. *Die Larvenformen der Dipteren*. 2 Teil. 8vo. Berlin. 1950.
- Ruiz Castro, Aurelio. *Fauna entomologica del olivo en Espana*, I. (Generalides, Coleoptera y Diptera). 8vo. Madrid. 1948.
- Séguy, E. *La biologie des Diptères*. [Encyclopédie entomologique (A) XXVI.] 8vo. Paris. 1950.
- Zoological Society of London. *List of the periodicals and serials in the library of the Zoological Society of London*. 8vo. London. 1949.

In addition, separates were presented by The American Entomological Society; Mr. A. F. O'Farrell; Mr. J. Hadjinicolaou; The Commonwealth Institute of Entomology; The Rev. E. J. Pearce; Mr. John G. Franclemont; The Smithsonian Institution; United States Department of Agriculture; Lt.-Col. F. C. Fraser; Miss Elizabeth N. Marks; Dr. J. T. Salmon and Mr. D. K. McE. Kevan.

5. Admission of Fellows.

6. Joint Meeting with the Association for the Study of Animal Behaviour.

Professor Karl von Frisch

Methods of communication in the Honey Bee (illustrated by lantern slides and a ciné-film).

It is hoped to serve tea before the Meeting in the Library of the Royal Society of Tropical Medicine. As accommodation is limited, both in the Library and the Meeting Room, and in view of the difficulty of estimating attendance during the holiday season, Fellows who expect to be present are particularly requested to return the enclosed post-card. Any Fellow who may wish to bring a guest is asked to indicate this also on the post-card.

[It is proposed to hold over items 3, 4 and 5 on these agenda until the October meeting.]

The Ordinary Meeting arranged for 6th September has been cancelled.

PROCEEDINGS OF THE ORDINARY MEETING HELD ON 5TH JULY, 1950.

Dr. V. B. Wigglesworth, F.R.S., President, in the Chair.

Present, 73 Fellows and 14 Visitors.

The Minutes of the Ordinary Meeting held on 7th June were confirmed and signed by the President.

The names of the following candidates for election were read for the first time: H. Girdharlal Acharya, M. Hassan Hassanein, B.Sc., M. G. Palmer, and J. A. Whellan, B.Sc.

For the second time (taken as read): H. E. Chipperfield, S. Hussain Hazarika, M.Sc., M.S., D. B. Lindsey, F. H. Lyon, J. E. A. Orian, A. C. R., and Miss Z. Waloff, M.Sc.

The Secretary read the names of the following newly elected Fellows of the Society: H. G. Allcard, Ravenswood, Wythenshawe Road, Northenden, Manchester; Dr. Wallace Peters, M.B., B.S., M.R.C.S., L.R.C.P., 175, Lauderdale Mansions, London, W.9; Shri Jagadish Chandra Basu Choudhuri, M.Sc., Prosadpur House, Agra, India; Prof. John Lane, Caixa Postale 99B, São Paulo, S.P., Brazil.

Thanks were voted to donors of gifts to the Library since the last meeting.

Mr. A. N. Clements, Dr. M. T. Gillies, Mr. J. Hobart and Miss Belinda Kemp signed the Obligation Book and were admitted Fellows of the Society.

The President extended a welcome to Professor J. Kuenen of Leiden University, and in doing so mentioned that he was President-elect of the IXth International Congress of Entomology, due to be held in Amsterdam next year. In thanking the President, Professor Kuenen outlined briefly the scope of and arrangements for the Congress so far as they were at present known.

Professor G. D. Hale Carpenter exhibited a unique specimen of *Danaus chrysippus* taken by Dr. H. B. D. Kettlewell at Fish Hoek, Cape Province, South Africa. He called attention to the indications of a row of submarginal spots on the fore wing, possibly indicative of its ancestry, and said that these spots were shown in another subspecies (*D. similis petiverana*) more nearly representing the original type from which *Danaus* and its ally *Euploea* arose. A species of this latter genus having only this submarginal row of spots was also shown.

Dr. Hugh Scott gave an account, illustrated by lantern slides, of his journey to the Gughé Highlands of Southern Ethiopia in 1948-49. An abstract of this paper appeared on pages 30-31.

In the discussion which followed, Dr. Scott said, in reply to an enquiry by Dr. Williams, that the species of *Colibris* occurring at these high altitudes were not uniformly smaller than those found elsewhere, although occasional small specimens were seen. Mr. Riley and Professor Carpenter enquired if any other Palaearctic genera occurred in these Highlands, and Dr. Scott mentioned the Small Copper and a subspecies of *Pieris brassicae*. Local representatives of the Carabid genus *Trechus* were also found on the mountains.

An enquiry having been made about the widespread native practice of bee keeping, Dr. Scott said he was not in a position to comment on the success or otherwise of the methods employed, but he had formed the impression they were somewhat primitive and the honey obtained generally very impure.

N. D. RILEY, *Honorary Secretary*.

The next meeting will be held on 4th October, 1950, at 5.30 p.m.

NOTICES

In addition to the *Transactions and Proceedings* (Series A, B and C), the following publications are available on application at the Society's rooms :—

THE GENERIC NAMES OF BRITISH INSECTS, WITH CHECK LISTS OF THE SPECIES, prepared by the Committee on Generic Nomenclature of the Royal Entomological Society of London, with the assistance of the Department of Entomology of the British Museum (Natural History) :—

Part 1. Recommendations relating to the publication of the Committee's									
	Reports	..	..	..	..	..	..	..	Price 6d.
„	2. Rhopalocera	..	..	..	..	..	..	..	3s. 6d.
„	3. Odonata	..	..	..	..	..	..	..	3s. 6d.
„	4. Neuroptera	..	..	..	..	..	..	..	3s. 6d.
„	5. Hymenoptera Aculeata	..	..	..	..	..	..	..	15s. 0d.
„	6. Coleoptera Carabidae	..	..	..	..	..	..	..	10s. 0d.
„	7. Coleoptera Hydradephaga	..	..	..	..	..	..	..	5s. 0d.
„	8. Hemiptera Heteroptera	..	..	..	..	..	..	..	39s. 0d.
„	9. Coleoptera Staphylinidae	..	..	..	..	..	..	..	40s. 0d.

HANDBOOKS FOR THE IDENTIFICATION OF BRITISH INSECTS.

The Society has undertaken the issue of a series of publications intended to provide illustrated Keys to the whole of the British Insect Fauna so far as this is possible.

It is proposed to cover this field in a series of ten volumes, arranged as follows :—

I. Part 1. General Introduction.	Part 9. Ephemeroptera.†
„ 2. Thysanura.	„ 10. Odonata.†
„ 3. Protura.	„ 11. Thysanoptera.*
„ 4. Collembola.*	„ 12. Neuroptera.
„ 5. Dermaptera and Orthoptera.†	„ 13. Mecoptera.
„ 6. Plecoptera.†	„ 14. Trichoptera.
„ 7. Psocoptera.*	„ 15. Strepsiptera.
„ 8. Anoplura.	„ 16. Siphonaptera.
II. Hemiptera.*	III. Lepidoptera.
VI. Hymenoptera : Symphyta* and Aculeata.*	IV and V. Coleoptera.*
VII. Hymenoptera : Ichneumonidae.*	
VIII. Hymenoptera : Cynipoidea, Chalcidoidea and Serphoidea.	
IX. Diptera : Nematocera† and Brachycera.	X. Diptera : Cyclorrhapha.*

The following parts are now available :—

- Vol. I, Part 5. Dermaptera and Orthoptera. By W. D. Hincks. Price 3s. 6d. plus postage.
- Vol. I, Part 6. Plecoptera. By D. E. Kimmins. Price 3s. 6d. plus postage.
- Vol. I, Part 9. Ephemeroptera. By D. E. Kimmins. Price 3s. 6d. plus postage.
- Vol. I, Part 10. Odonata. By F. C. Fraser. Price 7s. 6d. plus postage.
- Vol. IX, Part 1. Diptera : Introduction and Key to Families. By H. Oldroyd. Price 7s. 6d. plus postage.
- Vol. IX, Part 2. Diptera, Nematocera : Families TIPULIDAE to CHIRONOMIDAE. By R. L. Coe, Paul Freeman and P. F. Mattingly. Price 20s. 0d. plus postage.

Parts marked † are on sale or in the press, those marked * in preparation.

Orders for the complete series or for separate parts can be placed with the Registrar at the Society's rooms now, but prices can only be quoted for those parts already issued.

Fellows of the Society may purchase one copy at a discount of 25 per cent. ; additional copies at the full published price.

STYLOPS, a Journal of Taxonomic Entomology.

1932-1935. Vols. 1-4 (all issued). Price £1 16s. 0d. each ; to Fellows £1 7s. 0d.

ABSTRACT OF PROCEEDINGS OF THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON. 1935. Nos. 1-6 (all issued). 3s. 0d.

HUBNER : A BIBLIOGRAPHICAL AND SYSTEMATIC ACCOUNT OF THE ENTOMOLOGICAL WORKS OF JACOB HUBNER AND THE SUPPLEMENTS THERETO. In 2 vols. By Francis Hemming. Price Vol. 1. 605 pp. £1 15s. 0d. ; Vol. 2. 275 pp. 15s. 0d.

THE HISTORY OF THE ENTOMOLOGICAL SOCIETY OF LONDON, 1833-1933. By S. A. Neave, assisted by F. J. Griffin. Price 10s. 6d.

Published by THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON and sold at its rooms, 41, Queen's Gate, S.W. 7, price 6d.